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METAL AND CONSTRUCTION MATERIALS
INDUSTRIES BEING EXPANDED

ZENICA STEEL COMBINE BECOMING LARGEST IN YUGOSLAVIA -- Borba, No 270,
13 Nov 49

In the town of Zenica in Bosnia and Hercegovina the largest steel combine in Yugoslavia is developing. One of its main installations, Steel Plant No 3, will be hundreds of meters long and is so spacious that it could enclose several six-story buildings. At the same time, a forging shop, a coke-producing shop, and foundaries are also being built. The forging shop will be the largest in Yugoslavia. The production of iron and steel here was made possible by the large deposits of iron ore in Vares-Majdan.

The forging shop will be divided into two sections. One will contain hydraulic steam presses, and the other will have the largest steam hammers in Yugoslavia. The forging shop is further divided into an above-ground and an underground section. The underground section will contain baths, dressing rooms, and a cafeteria.

The Zenica combine will use five cubic meters of water per second. Large reservoirs are being built. Twenty new housing structures for workers have also been erected. These buildings for workers cost 200 million dinars. Zenica will soon become one of the largest cities in Bosnia and Hercegovina.

NEW SUCTION EXCAVATOR BUILT BY TURBOINSTITUT -- Slovenski Porocvalec,
No 272, 19 Nov 49

The Turboinstitut in Ljubljana has constructed a new Yugoslav suction excavator, which has been tested during the last few weeks on the Ljubljanica River near the hydroelectric power plant at Fuzina. Since the excavator passed the test successfully, mass production will begin shortly in order to satisfy next year's demand for suction excavators, especially in Novi Beograd.

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The Yugoslav suction excavator makes 1,000 revolutions per minute, as compared to several foreign excavators which make only 120 revolutions per minute. It has a capacity of 120 liters per second of water mixed with solid matter under a pressure of $2\frac{1}{2}$ atmospheres, and can dig and carry 50 to 60 cubic meters of soil, sand, gravel, etc. For this operation 60 kilowatts of electric power are required. Power can also be obtained from a Diesel engine.

These suction excavators will be used at Novi Beograd, for building dams, for draining Lake Skadar, for building hydroelectric power plants, for digging sand and gravel, for cleaning irrigation canals, for clearing ports, etc.

MODERN CASTING AND MACHINE SHOPS BEING COMPLETED -- Rad, No 281, 24 Nov 49

In the outskirts of Nis a casting shop and a machine shop for the "Jastrebac" Enterprise are near completion. The new casting shop is three times as large as the old one. The drying chambers for the castings will be heated with gas from a gas generator which will burn lignite. In addition to iron casting installations, the casting shop will have facilities for casting brass, bronze, and aluminum objects. On 26 and 27 November 1949, trial runs will be made in all departments in the casting shop. By 29 November 1949 the shop will begin actual operation.

The new machine shop will be about four times as large as the old one. By the beginning of 1950 all equipment will be transferred from the old machine shop into the new. A special department for the manufacture of machine tools will be constructed. In 1950 the machine shop will be further enlarged to accommodate a pumping station.

FINISH FIRST PROJECT OF COMBINE -- Borba, No 284, 29 Nov 49

The iron blast furnace, which is the first project of the future metallurgical combine in Sisak, has been completed by Yugoslav facilities alone. This furnace will produce almost half as much pig iron as was produced in all Yugoslavia before the war. Another furnace will be finished in 1950, and other will follow. In addition to the furnaces, rolling mills, steel plants, and Martin furnaces will be constructed.

In the vicinity of the plant a new city is emerging with hundreds of houses, several hotels, parks, playgrounds, and a theater.

NEW STEEL ROLLING MILL BEGINS OPERATIONS -- Rad, No 285, 29 Nov 49

A new steel rolling mill, a part of the Jesenice Ironworks, begins operation today. It will manufacture steel sheets 16 meters long, 2 meters wide, and 25 millimeters thick, which will be used in shipbuilding and in the construction of bridges and factories.

The new rolling mill will be able to roll all the iron produced by the Jesenice Ironworks. The mill occupies 12,000 square meters.

NEW CEMENT FACTORY IN PRODUCTION -- Borba, No 281, 26 Nov 49

On 29 November 1949, a new cement factory in Mezerica, near Split, will begin production. It will have a capacity of four carloads of cement a day. The factory was built in 10 months.

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STEEL FURNACES PUT INTO OPERATION -- Borba, No 284, 29 Nov 49

In the Zenica steel plant three Martin and one Dubin furnaces were operating by 29 November 1949. These furnaces are completely mechanized.

NEW ASBESTOS MINE BEING OPENED -- Glas No 1366, 14 Nov 49

A new asbestos mine is being opened in the Goc area near Brnjacka Banja. In addition to asbestos, large quantities of white marble, some graphite, and some nickel have also been discovered.

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